

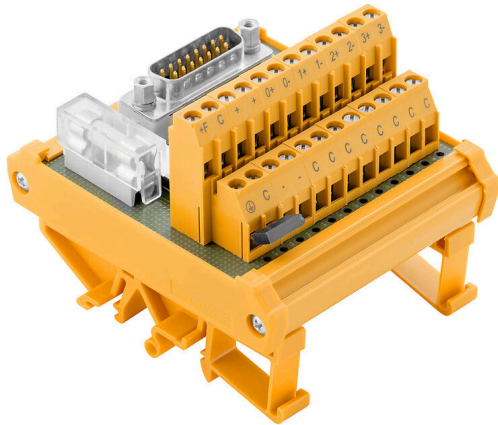
**RS 4AIO DP SD S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The analogue interfaces are equipped with SubD connectors. Thus they offer sufficient shielding for analogue signal transmission. They are also equipped with very useful isolators and test sockets for measuring voltage or current.

**General ordering data**

Version	Interface, RS, 2-wire, Screw connection
Order No.	<a href="#">9448000000</a>
Type	RS 4AIO DP SD S
GTIN (EAN)	4032248253272
Qty.	1 items

## RS 4AIO DP SD S

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E141197

## Dimensions and weights

Depth	72 mm	Depth (inches)	2.8346 inch
Height	87 mm	Height (inches)	3.4252 inch
Width	75 mm	Width (inches)	2.9527 inch
Net weight	172 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	-20...50 °C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6aI, 6c
REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

## Rated data UL

Rated current IN	0.5 A	Operating temperature UL, min.	0 °C
Operating temperature UL, max.	25 °C	Rated current I <sub>max</sub>	0.5 A
Rated voltage UN	≤ 25 V AC 50 V DC	Rated voltage DC UN (supply)	24 V
Rated current (supply)	3 A	Rated voltage fuse UN (supply)	250 V
Rated current fuse (supply)	3.15 A		

## General data

LED status display per channel	No	Disconnection per channel	No
Voltage point of measurement	No	Current-measuring testpoint	No
Type of test point	No	LED status of the supply voltage	No
Power supply fuse	3.15 A	Common pole polarity	Positive or negative can be selected using jumper

## Connection data

Number of poles (control side)	15-pole plug	Connection supply	LL2N 5.08 mm
Protective earth connection	Shielding in SUB-D plug-in connector	Wiring system	2-wire
Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652		

## Ratings data

Operating voltage	≤ 25 V AC / 50 V DC	Max. current for common pole	3.15 A
Max. current per channel	0.5 A		

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**Technical data**

**Insulation coordination (EN50178)**

According to	DIN EN 50178	Rated insulation voltage	<50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.8 kV	Insulation test voltage AC	0.35 kV

**Connection field**

Min. wire cross-section, AWG	AWG 26	Type of connection	Screw connection
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12		

**Supply connection**

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Ferrule with plastic collar, max.	2.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

**Classifications**

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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**Drawings**

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